

ABSTRACT OF THE DISCLOSURE

5 The present invention provides an isolated mammalian histamine receptor,
isolated or recombinant nucleic acids and recombinant vectors encoding the same, host
cells comprising the nucleic acids and vectors, and methods of making the receptor using
the host cells. This invention further provides antibodies and antigen binding fragments
thereof which specifically bind to the receptor and are useful for treating medical
conditions caused or mediated by histamine. Also provided are screening methods for
identifying specific agonists and antagonists of the mammalian histamine receptor.

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